

Richfield Interagency Fire Center

# 2014 ANNUAL FIRE REPORT

US Department of Agriculture

***U.S. Forest Service***

Fishlake National Forest

U.S. Department of the Interior

***Bureau of Land Management***

Color Country District, Richfield Field Office

West Desert District, Fillmore Field Office

***Bureau of Indian Affairs***

Southern Piute Field Station

***National Park Service***

Capitol Reef

***U.S. Fish and Wildlife Service***

Fish Springs National Wildlife Refuge

State of Utah

***Department of Forestry, Fire & State Lands***

Central Area Office

1830 S Industrial Park Rd – Richfield, UT 84701



## **INTRODUCTION**

The Richfield Interagency Fire Center (RIFC) is located in central Utah. The response area of RIFC consists of over 11 million acres including the Fishlake National Forest, BLM Fillmore Field Office, BLM Richfield Field Office, Capitol Reef National Park, Fish Springs National Wildlife Refuge, Central Area of the Utah Division of Forestry, Fire and State Lands, and the BIA Southern Piute Field Station.

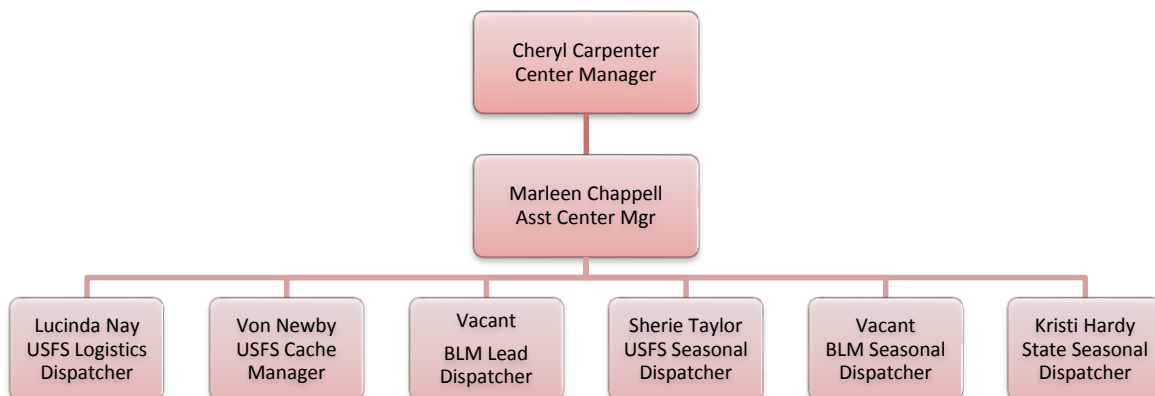
Eight counties are included within the jurisdiction boundaries: Juab, Millard, Sevier, Sanpete, Piute, Wayne, Garfield and Beaver. Interstate highways I-15 and I-70 transect through the area as well as major highways. The terrain includes the Great Basin Desert, the Colorado Plateau, fertile valleys, and high mountain ecosystems. Elevations range from approximately 4,000 to over 12,000 feet.



Listed below is the total acreage responsibility of Richfield Interagency Fire Center and each agency's ownership acres.

	<b>BLM</b>	<b>Forest Service</b>	<b>National Park</b>	<b>Fish &amp; Wildlife</b>	<b>State</b>	<b>BIA</b>	<b>DOD</b>
<b>Acres</b>	6,577,159	1,835,648	244,802	17,975	2,775,290	2,741	961
<b>Richfield Dispatch Protection Responsibility Acres</b>							<b>11,454,576</b>

## **RICHFIELD INTERAGENCY DISPATCH CENTER ORGANIZATION**



The Richfield Dispatch operates with eight personnel: a Center Manager, an Assistant Center Manager, a Logistics Dispatcher, four Initial Attack dispatchers and one Cache Manager.

The Dispatch Center was short staffed this season as the BLM Lead Dispatcher and the BLM Seasonal Dispatcher positions were unable to fill this past summer.

Three detailers were brought in for two week periods for a total of six weeks and Expanded dispatch was opened for the Levan incident for a total of 7 days.

## FIRE ACTIVITY

Local fire activity was well below the ten year average with the number of starts but below normal using the five year average. The acreage burned in 2014 was well below both the five and ten year average. Local fire activity was well below the five and ten year average in both number of starts and acres burned.

The 2014 wildland fire season was slow falling well below the 10 year average. With the exception of the Levan , Slope and Plateau incidents, fires remained small with no control problems. We ended the season with 128 fires, 13 assists and 51 false alarms for a total of 5,409 acres.

Average	Fires	Acres
2014 Fire Season	128	5,409
5 Year Average	210	78,796
10 Year Average	190	64,136

YEAR	RID FIRE	RID ACRES	FIF FIRE	FIF ACRES	SCS FIRE	SCS ACRES	FS R Fir e	FSR Acres	BIA Fire	BIA Acre	MLF Fire ***	MLF Acres ***	TOTAL FIRE	TOTAL ACRES
2005	79	11,416	74	1,953	121	9,476	0	0			N/A	N/A	274	22,845
2006	107	34,290	76	30,692	119	19,856	0	0			N/A	N/A	302	84,838
2007	49	*198,045	31	494	99	**76,535	0	0			N/A	N/A	179	275,074
2008	31	934	23	327	66	422	0	0			N/A	N/A	120	1,683
2009	39	588	35	7,265	100	1,687	0	0			N/A	N/A	174	9,540
2010	38	67	39	44,937	60	242	0	0			N/A	N/A	137	45,246
2011	60	4,104	36	239	74	1,864	1	26			N/A	N/A	171	6,233
2012	77	21,456	56	82,277	85	78,977	0	0			N/A	N/A	218	182,711
2013	68	6,642	51	92	83	1051	0	0			3	.30	202	7,783
2014	39	692	32	197	59	1063	0	0	1	.10	2	3458	128	5,409
<b>TOTAL</b>	<b>582</b>	<b>278,234</b>	<b>45</b>	<b>168,473</b>	<b>866</b>	<b>191,173</b>	<b>1</b>	<b>26</b>	<b>1</b>	<b>.10</b>	<b>5</b>	<b>3458</b>	<b>190</b>	<b>641,362</b>
<b>10 YR AVG 2005- 2014</b>	<b>59</b>	<b>27,823</b>	<b>45</b>	<b>16,847</b>	<b>86</b>	<b>19,117</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3458</b>	<b>190</b>	<b>64,136</b>

Acres have been rounded to the fullest number.

RID = BLM, Richfield and Fillmore Field Offices

FIF = Fishlake National Forest

SCS = Central Area – Utah Division of Forestry, Fire, & State Lands (Includes private lands)

FSR = Fish Springs Refuge

MLF = Sanpete Ranger District on the Manti-LaSal National Forest

\* Includes acres of Milford Flat fire that burned within RIFC boundary.

\*\* Includes acres of Salt Creek fire that burned within RIFC boundary.

\*\*\* Sanpete Ranger District of the Manti-LaSal National Forest was reassigned to the Moab Interagency Fire Center in the spring of 2005. All statistics from 2005 on are kept by MFC until 2013 when returned back to RIFC.

## Fires by Month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTALS
<b>Natural</b>	0	0	0	0	0	2	43	17	7	0	0	0	<b>69</b>
<b>Human</b>	1	0	5	4	5	15	13	6	7	1	2	0	<b>59</b>
<b>TOTALS</b>	1	0	5	4	5	17	56	23	14	1	2	0	<b>128</b>

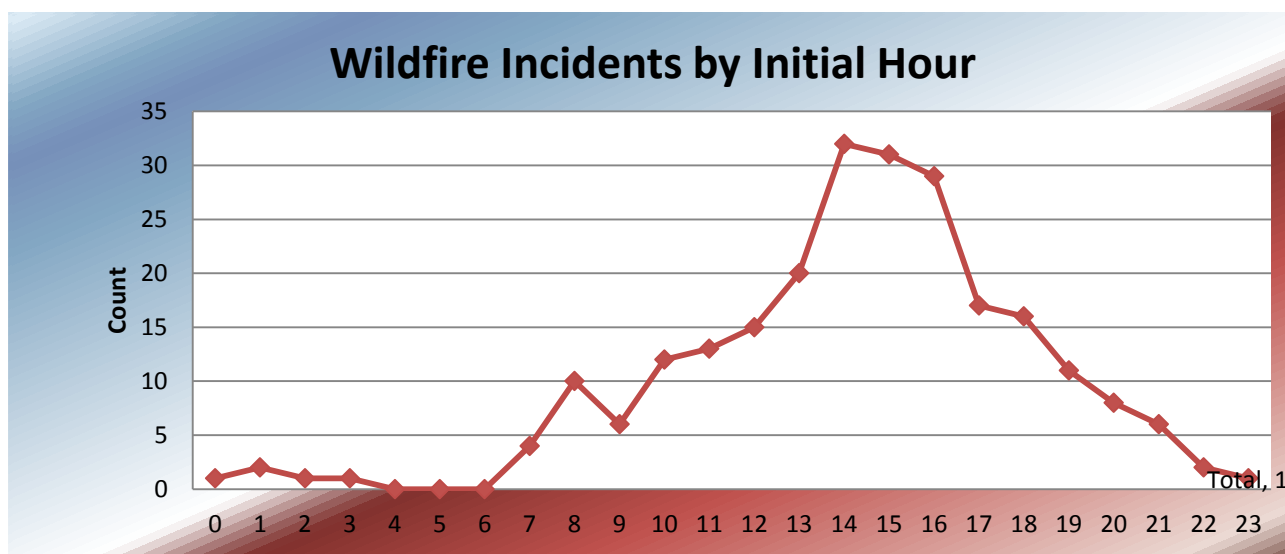
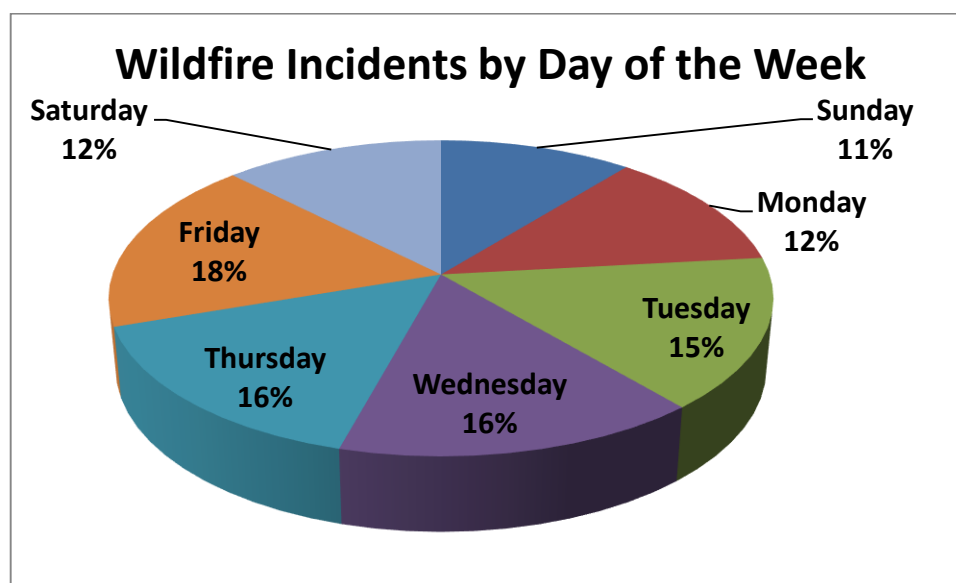
Richfield Interagency Fire Center had 623 incidents in 2014, below is the breakdown of the workload.

<b>Incident Type</b>	<b># Incidents</b>	<b>%</b>
VFD's (assists)	287	39%
Wildfire (fires and assists)	128	30%
Aircraft (incidents and flight follows)	161	13%
Wildfire (false alarms)	51	9%
Law Enforcement	9	5%
Prescribed Fire	27	3%
Miscellaneous	28	1%

The first lightning caused fire started on June 10<sup>th</sup> on USFS Fillmore RD and burned .10 acre. The largest lightning caused fire being the Slope Fire occurred on June 12<sup>th</sup> starting on BLM land and burned a total of 596 acres. The last lightning caused fire for the season occurred on September 30<sup>th</sup> on BLM Land for .10 of an acre.

The first human caused fire occurred on January 5<sup>th</sup> on State land for 1/10 acre and the last human caused occurred on November 27<sup>th</sup> on BLM land for .10 of an acre. Our largest human caused fire was the Levan fire which was 4,343 acres and occurred on July 24<sup>th</sup>.

Once again, the majority of our fires/smoke reports occurred on Saturdays with 1500 being the initial hour they began. Class A, which is less than a quarter acre, was 75% of the fires this year.



Fires by Size Class	%
Class A (0 - .25)	65 %
Class B (.26 – 9)	28 %
Class C (10-99)	5 %
Class D (100-299)	1 %
Class E (300-999)	1 %
Class F (1000 – 4999)	1 %
Class G (5000+)	0 %

## RIFC FIRE ACTIVITY STATISTICS

Below is the 2014 breakdown of activity by ownership for the number of fires and acres burned.

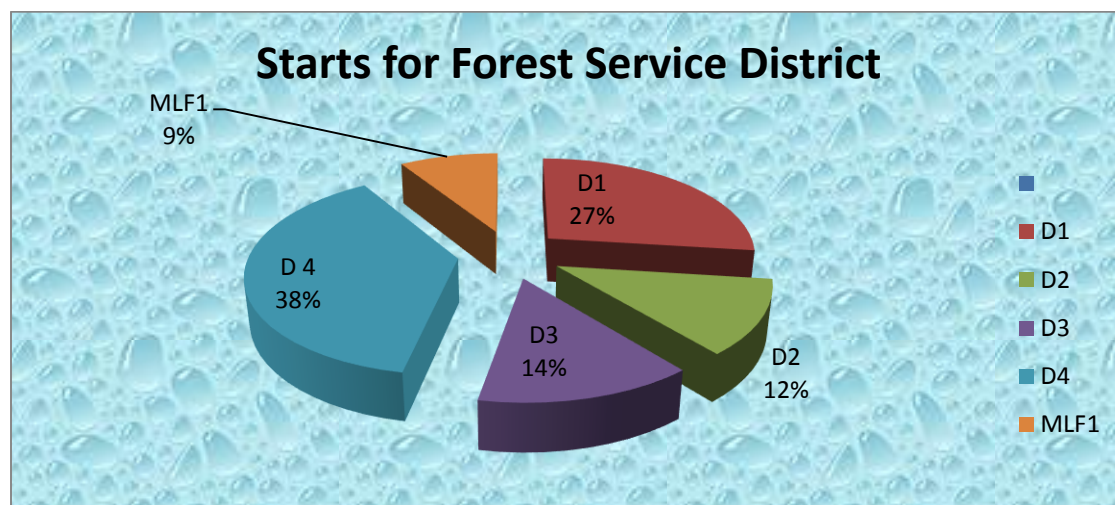
Ownership	Lightning Fires	Lightning Acres	Human Fires	Human Acres	Total Fires	Total Acres
RID	24	648	10	44	34	692
FIF	28	197	4	1	34	198
MLF	2	0	0	3457	2	3457
SCS/PRI	15	64	44	999	59	1063
FSR	0	0	0	0	0	0
CRP	0	0	0	0	0	0
BIA	0	0	1	0	1	0
<b>Totals</b>	<b>69 (54%)</b>	<b>909 (17%)</b>	<b>59 (46%)</b>	<b>4,501 (83%)</b>	<b>128</b>	<b>5,410</b>

RID = Richfield Field Office & Fillmore Field Office, FIF = Fishlake National Forest, SCS = Utah Department of Forestry, Fire and State Lands, FSR = Fish Springs National Wildlife Refuge, CRP = Capital Reef National Park, SPA = BIA Southern Piute Agency

Below depicts the fires and acres by each Forest Service District, BLM Field Office, and Counties within the Division of Forestry Fire and State Lands (FFSL) jurisdiction.

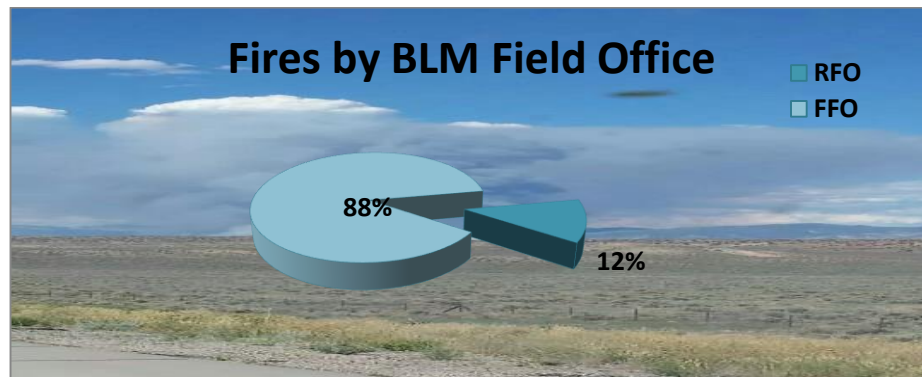
### *Fires and Acres by Ranger District*

Ranger District	Lightning Fires	Lightning Acres	Human Fires	Human Acres	Total Fires	Total Acres
Fillmore (D1)	11	6.80	0	0	11	6.80
Fremont River (D2)	6	.60	1	.10	7	.70
Beaver (D3)	3	.30	0	0	3	.30
Richfield (D4)	8	188.85	3	.45	11	189.30
MLF	2	.30	0	3457	2	3457.30
<b>Forest Total</b>	<b>30</b>	<b>196.85</b>	<b>4</b>	<b>3,457.55</b>	<b>34</b>	<b>3,654.10</b>



## Fires and Acres by Field Office

Field Office	Lightning Fires	Lightning Acres	Human Fires	Human Acres	Total Fires	Total Acres
Fillmore Field Office	12	603.00	4	9.75	16	612.75
Richfield Field Office	12	45.20	6	34.15	18	79.35
<b>BLM Total</b>	<b>24</b>	<b>648.20</b>	<b>10</b>	<b>43.90</b>	<b>34</b>	<b>692.10</b>

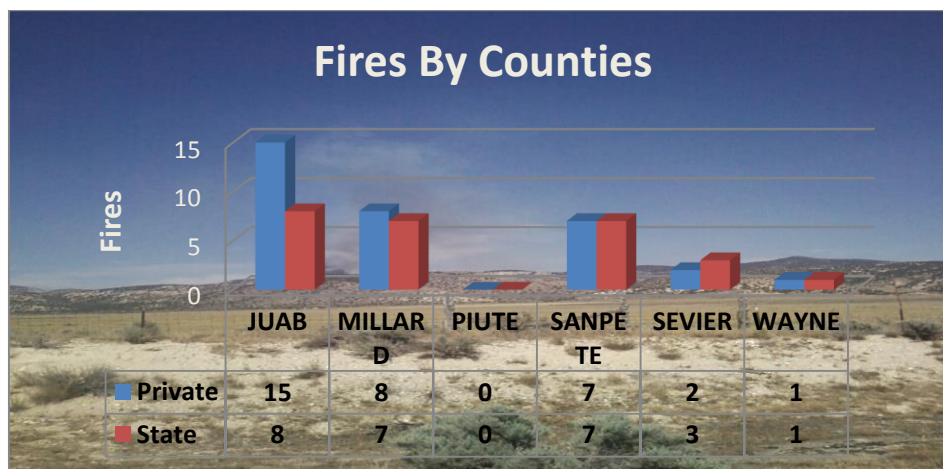
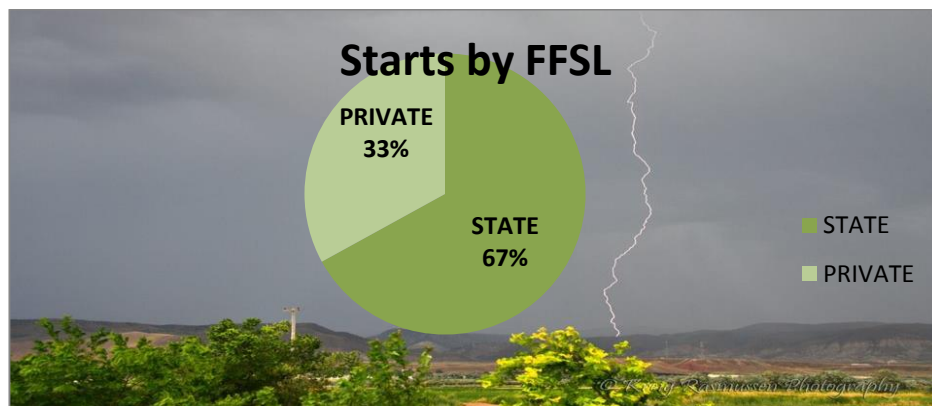


## Fires and Acres by FFSL County

*(Private and State Lands for Beaver and Garfield counties are dispatched out of Color Country Dispatch)*

Area	Lightning Fires	Lightning Acres	Human Fires	Human Acres	Total Fires	Total Acres
Juab County, State	0	0	8	683	8	683
Millard County, State	2	3.10	5	227.94	7	31.04
Piute County, State	0	0	0	0	0	0
Sanpete County, State	2	.35	5	2.20	7	2.55
Sevier County, State	2	.20	1	.10	3	.30
Wayne County, State	0	0	1	.10	1	.10
<b>State Total</b>	<b>6</b>	<b>3.65</b>	<b>20</b>	<b>713.34</b>	<b>26</b>	<b>716.99</b>
Juab County, Private	5	3	10	251.15	15	254.15
Millard County, Private	1	57	7	27.90	8	84.9
Piute Country, Private	0	0	0	0	0	0
Sanpete County, Private	2	.20	5	1.80	7	2
Sevier County, Private	0	0	2	4.68	2	4.68
Wayne County, Private	1	.10	0	0	1	.10
<b>Private Total</b>	<b>9</b>	<b>60.3</b>	<b>24</b>	<b>285.53</b>	<b>33</b>	<b>345.83</b>
<b>FFSL Total</b>	<b>15</b>	<b>63.95</b>	<b>44</b>	<b>998.87</b>	<b>59</b>	<b>1,062.82</b>





## LARGE FIRE SUMMARY

During the 2014 fire season we had 2 large fires for a total of 4,053 acres. The Levan fire, the largest of the season, began on July 24<sup>th</sup> and burned a total of 3,457 acres. A Type 2 Incident Management Team of Mark Rosenthal was mobilized to manage the Levan incident.

The below chart includes fires over 100 acres.

NAME	ORG.	START Date	CAUSE	CONTROL DATE	TOTAL ACRES	BLM Acres	FS Acres	State/ PVT Acres	Comments
Slope	UT-RID	06/12	Lightning	06/20	596.6	596.6			Type 4 Julander & Nez
Levan	UT-SCS UT-MLF		Human	08/07	4,343		3,457	886	Type 2 Team Rosenthal
Plateau	UT-FIF	07/22	Lightning	08/12	188		188		Type 4 Madsen



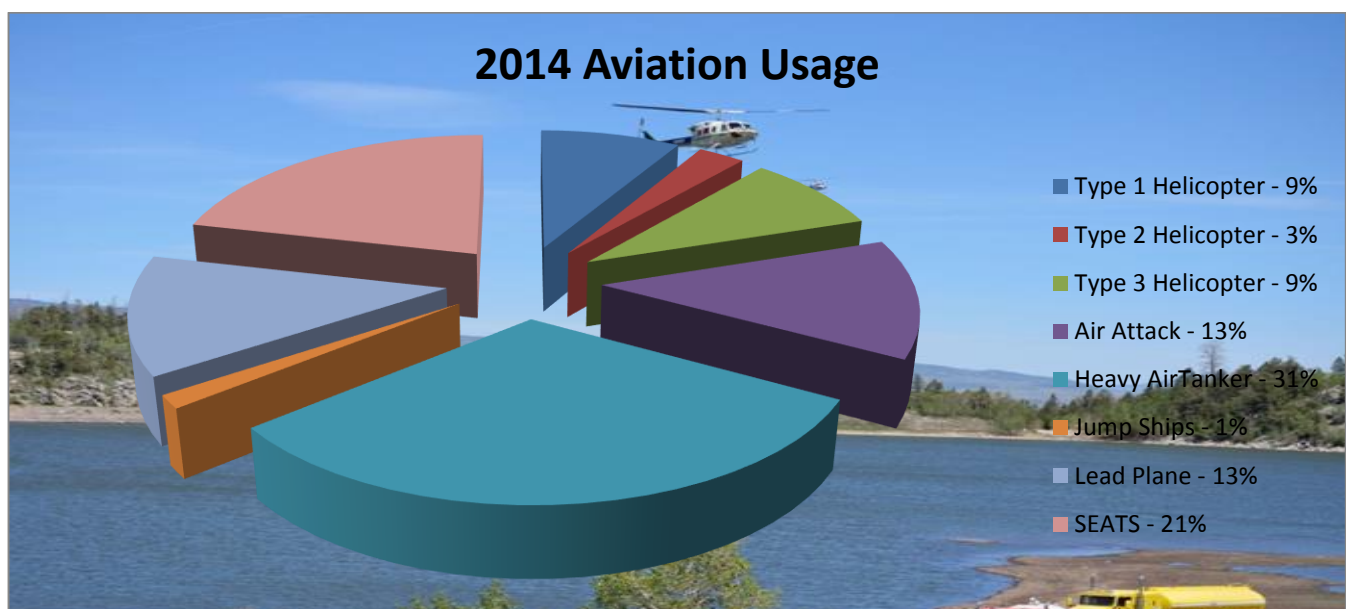
## AVIATION

Central Utah does not have exclusive use contracts for helicopters, air-attack or single engine air tankers. The Call-When-Needed SEAT Bases located in Fillmore and Nephi were opened 32 days with 6 different SEMG assigned.



Seat Base	Total Days Staffed	SEMGs/Trainees	Times SEAT flew	Gallons of Retardant
Nephi	0	0	0	0
Fillmore	32	6	18	12,925

Below is a summary of flight hours and aircraft usage with the Richfield Interagency Fire Centers' zone of coverage.



## Flight Following



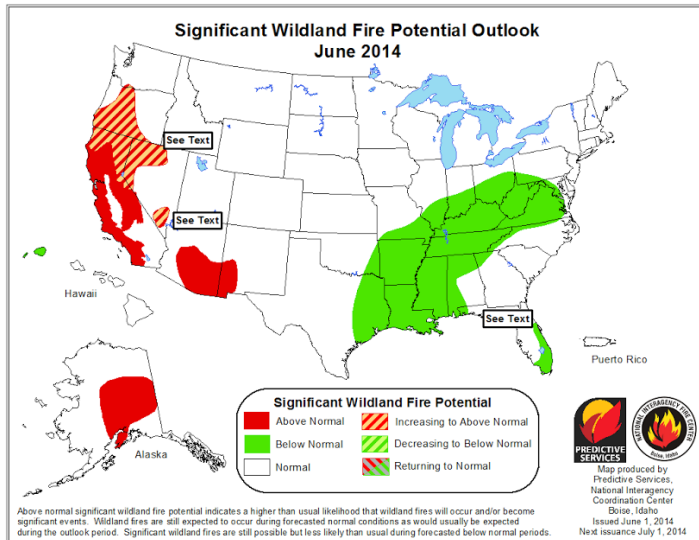
Fire	Aircraft	Total Flight Time	Total Retardant Gallons	Total Water Gallons	Total Cargo Pounds	Total PAX Transported
Church Hills	Air Tanker					
Rough Canyon	SEATS	10.92	4,350			
	Air Tanker	2.82	4,168			
	Fixed Wing	6.23				
	Helicopters	16.1	0	3,352	7,093	21
Plateau	SEATS	6.99	4,355			
	Air Tanker	10.88	19,999			
	Fixed Wing	5.8				
Bell Rock	SEATS	5.83	2,902			
	Air Tanker	6.75	14,893			
	Fixed Wing	3.27				
	Helicopters					
Levan	SEATS	22.87	15,126			
	Air Tanker	35.1	69,064			
	Fixed Wing	13.75		7,680	3,100	9
	Helicopters	40.4		42,385	39,540	208
Haystack	SEATS					
	Air Tanker					
	Fixed Wing					
	Helicopters					
TOTALS:		187.71	134,857	53,417	49,733	238

**\*\* Totals do not include the Slope Fire which was handled by Color Country Dispatch \*\***

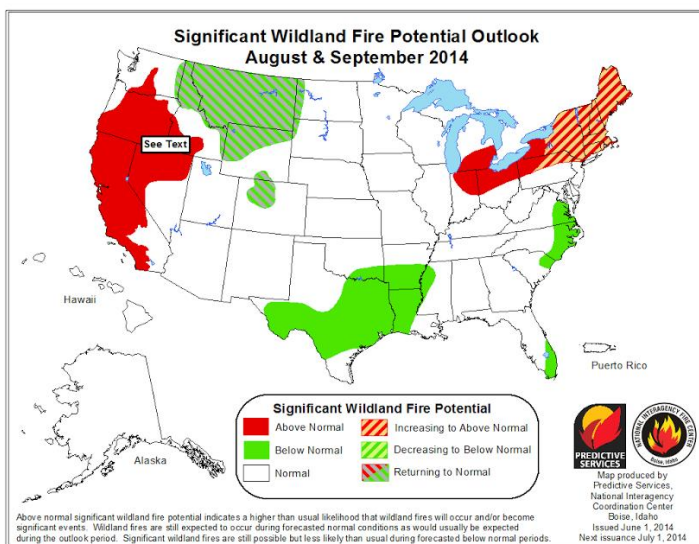
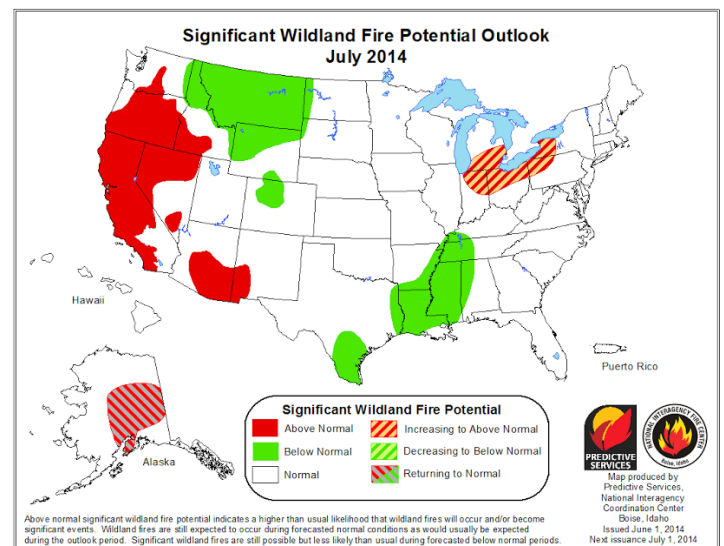
## WEATHER & FUEL MOISTURE SUMMARY

The outlook for 2014 was for normal fire potential for all of Central Utah. Central Utah received normal snow pack during the winter months with the West Desert area receiving more spring moisture than the rest of the fire zone. Normal fire potential was expected to occur later in the season during July and August when the peak of heating and dryness has moved into the area. Monsoonal moisture moved over the entire fire zone for July with additional thunderstorms with lightning into August.

### NATIONAL OUTLOOKS:



Information courtesy of Predictive Services



2014 Total Precipitation						TOTAL Precipitation
RAWS Station	May	June	July	August	Sept	
421501 - Sevier Reservoir	0.85	0.26	1.78	1.23	2.19	<b>6.31</b>
421502 - Mud Springs	0.4	1.15	1.84	2.8	1.63	<b>7.82</b>
421602 - Joes Valley	0.9	0.04	1.15	2.02	2.07	<b>6.18</b>
421805 - Black Cedar	1.92	0.46	2.19	1.86	2.95	<b>9.38</b>
421806 - Tule Valley	1.37	0.15	0.93	0.96	1.78	<b>5.19</b>
421807 - Horse Hollow	1.04	0.32	1.4	2.46	2.7	<b>7.92</b>
421904 - Signal Peak	0.93	0.03	0.87	1.65	2.34	<b>5.82</b>
421905 - Lost Creek**	<i>off line</i>	<i>off line</i>	<i>off line</i>	0.12	0.01	<b>0.13</b>
422610 - Larb Hollow	1.4	0.01	1.82	1.78	3.43	<b>8.44</b>
422611 - Henry Mountain	1.25	0	1.23	2.11	2.46	<b>7.05</b>
422712 - Kane Gulch	0.46	0	1.14	2.08	2.05	<b>5.73</b>
<b>TOTAL Precipitation</b>	<b>10.52</b>	<b>2.42</b>	<b>14.35</b>	<b>19.07</b>	<b>23.61</b>	<b>69.97</b>

**\*\*Lost Creek RAWS rain gauge was broken and not repaired before the end of the season-**

Precipitation recorded on CUIFC RAWS stations during the five month fire season was a mix of above and below last year's numbers. Stations on the west side of the dispatch area received more precipitation than those on the east. Larb Hollow RAWS was 2.73" less than 2013 suggesting that the normal monsoonal pattern that normally affects the east side of the dispatch area did not happen. It was discovered that the Lost Creek RAWS had a broken rain gauge that was not repaired before the end of the season, which will, of course, affect the data for some time.

Maximum temperatures for the fire season were running close to the 2013 numbers with slightly higher temps in May and July.

2014 Mean Maximum Temperature						MEDIAN High Temp
RAWS Station	May	June	July	August	Sept	
421501 - Sevier Reservoir	75.4	86.4	94.4	86.3	78.1	<b>86.3</b>
421502 - Mud Springs	71.6	82	90.6	92.5	74.2	<b>86.3</b>
421602 - Joes Valley	58.6	68.6	76.3	69	67.0	<b>68.8</b>
421805 - Black Cedar	70.8	81.9	90	83	75.1	<b>82.4</b>
421806 - Tule Valley	76.2	87.4	95.4	87.4	78.2	<b>87.4</b>
421807 - Horse Hollow	71.3	83.5	90	82.4	74.3	<b>82.9</b>
421904 - Signal Peak	64.7	77.8	81.9	74.1	64.1	<b>75.9</b>
421905 - Lost Creek	65.6	77.8	83.3	77	69.1	<b>77.4</b>
422610 - Larb Hollow	63	75.7	81.4	73.9	64.9	<b>74.8</b>
422611 - Henry Mountain	60.8	74.3	79.9	73.1	65.2	<b>73.7</b>
422712 - Kane Gulch	72.4	85.1	90.1	83.4	80.8	<b>84.2</b>
<b>MEDIAN High Temp</b>	<b>70.8</b>	<b>81.9</b>	<b>90.0</b>	<b>82.4</b>	<b>71.9</b>	<b>79.4</b>

<b>RAWS Station</b>	<b>Max MeanTemp 01/01/2010- 12/01/2014</b>	<b>Total Precipitation 01/01/2010 – 12/01/2014</b>	<b>Annual Precipitation 10/01/2013 - 09/30/2014</b>
Sevier Reservoir	67.55° f	48.02"	11.77"
Mud Springs	65.44° f	42.95"	12.83"
Black Cedar	65.38° f	41.37"	18.34"
Tule Valley	68.19° f	37.44"	7.72"
Horse Hollow	64.77° f	58.05"	12.4"
Signal Peak	58.09° f	41.04"	8.22"
Lost Creek	60.48° f	41.61"	2.13"
Larb Hollow	59.02° f	69.85"	11.63"
Kane Gulch	66.12° f	49.38"	10.67"

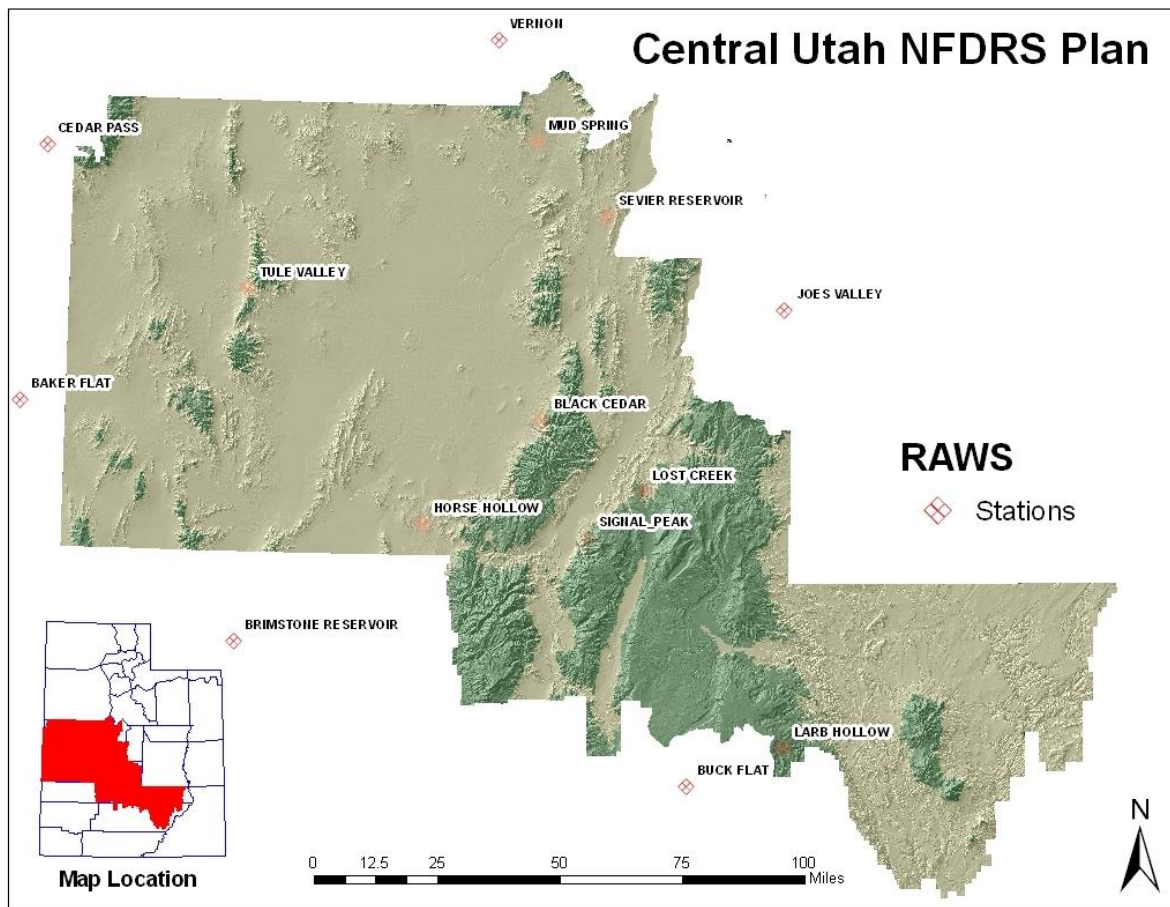
Live and dead fuel samples are collected bi-weekly for the Fishlake National Forest from three permanent RAWS locations: Black Cedar (D1), Signal Peak (D4), and Larb Hollow (D2). Sampling generally begins in late April and concludes in early October.

The BLM collects fuel samples bi-weekly from six permanent RAWS locations: Sevier Reservoir, Mud Springs, Tule Valley, Horse Hollow, Lost Creek and Henry Mountains.

The fuel moisture information is inputted into the National Fuel Moisture Database. The database is used by Predictive Services to compare years, compile trends and to assist in predicting what type of fire season we might see. Fuel moisture sampling is available at <http://gacc.nifc.gov/ebgc/fuels.php>

STATION NAME	STATION ID	LOCATION	ELEVATION	AGENCY
SEVIER RESERVOIR	421501	5 MI OF S OF SEVIER RESERVOIR	5329	BLM
MUD SPRINGS	421502	6 MI N OF LITTLE SAHARA	5902	BLM
BLACK CEDAR	421805	6 MI NE OF FILLMORE	6480	FS
TULE VALLEY	421806	7 MI NW OF ANTELOPE SPRING RESERVOIR	5200	BLM
HORSE HOLLOW	421807	6 MI NW OF COVE FORT	6010	BLM
SIGNAL PEAK	421904	3 MI NE OF MONROE	8792	FS
LOST CREEK	421905	7 MI NE OF GLENWOOD	7490	BLM
LARB HOLLOW	421905	7 MI NW OF BROWN RESERVOIR	8490	FS
HENRY MOUNTAIN	422611	22 MI SW OF HANKSVILLE	8294	BLM





## **DANGER RATING SYSTEM**

Central Utah has three Fire Danger Rating Areas; Central Utah West Desert, Central Utah Mountains and Henry Mountain Area.

The Central Utah West Desert encompasses 6,793,009 acres and includes all areas in Central Utah west of I-15 including the Canyon Mountains, the House Range, the Confusions, the Crickets, the Conger Range and Little Sahara Recreation area.

The Central Utah Mountain is east of I-15, spread across the mountains of Central Utah. It includes the Pahvant Range, the Tushars, Monroe Mountain, southern Wasatch Plateau, Thousand Lake and Boulder Plateaus, and Parker Mountain. It encompasses approximately 2,675,483 acres.

The Henry Mountain Area begins on the western edge of Capitol Reef National Park, south of Emery County line then east to the Colorado River, including the Hanksville Desert and the Henry Mountains. It encompasses 1,856,630 acres.

Each FDRA uses Remote Automated Weather Stations (RAWS) to obtain the weather information needed to produce fire danger outputs. Each area uses data compiled with the Energy Release Component (ERC) to determine the Adjective Fire Danger Rating. To determine the Dispatch Level the Burning

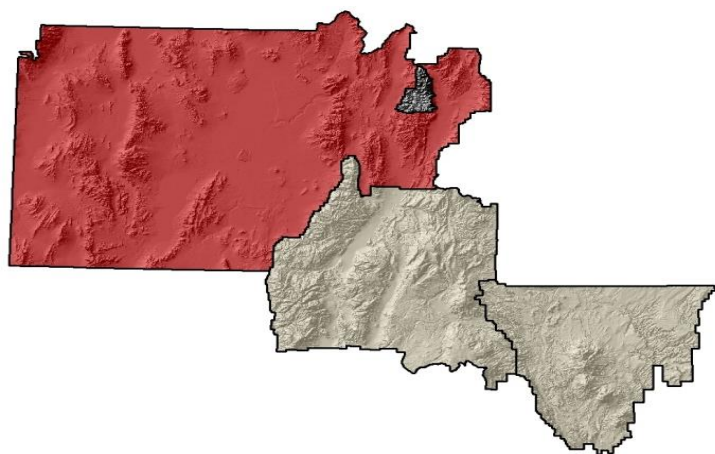
Index (BI) is used for each area. Below is a list of RAWS used for each FDRA.

STATION NAME	STATION ID	LOCATION	ELEVATION	FUEL MODEL	STAFFING INDEX
WEST DESERT					
TULE VALLEY	421806	7 MI NW OF ANTELOPE SPRING RESERVOIR	5200	F	ERC
				G	BI
MOUNTAIN					
LOST CREEK	421905	7 MI NE OF GLENWOOD	7490	G	ERC
BLACK CEDAR	421805	6 MI NE OF FILLMORE	6480		
LOST CREEK	421905	7 MI NE OF GLENWOOD	7490	G	BI
BLACK CEDAR	421805	6 MI NE OF FILLMORE	6480		
SIGNAL PEAK	421904	5 MI NNW OF MONROE	8792		
HANKSVILLE					
KANE GULCH*	422712	KANE GULCH RANGER STATION	6500	F	ERC
				F	BI

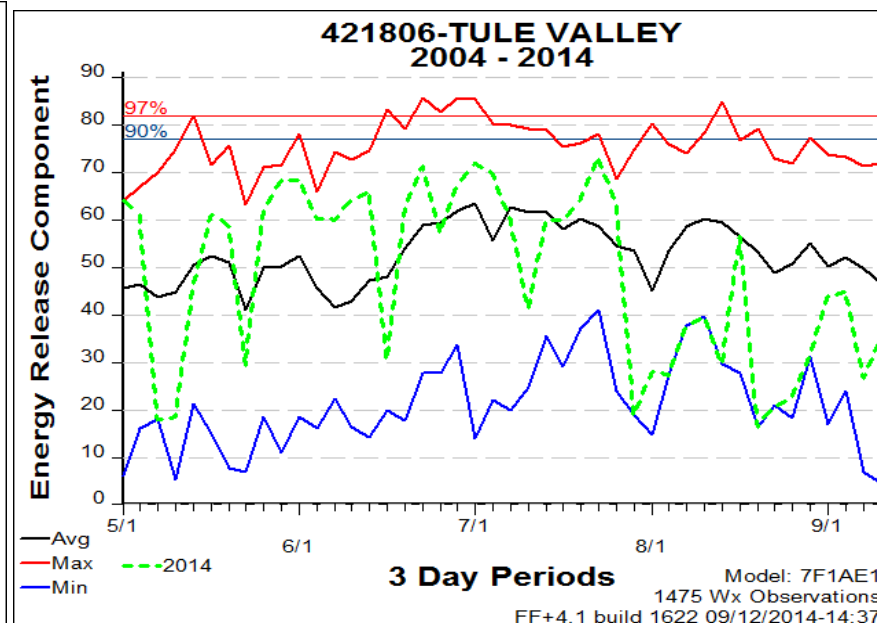
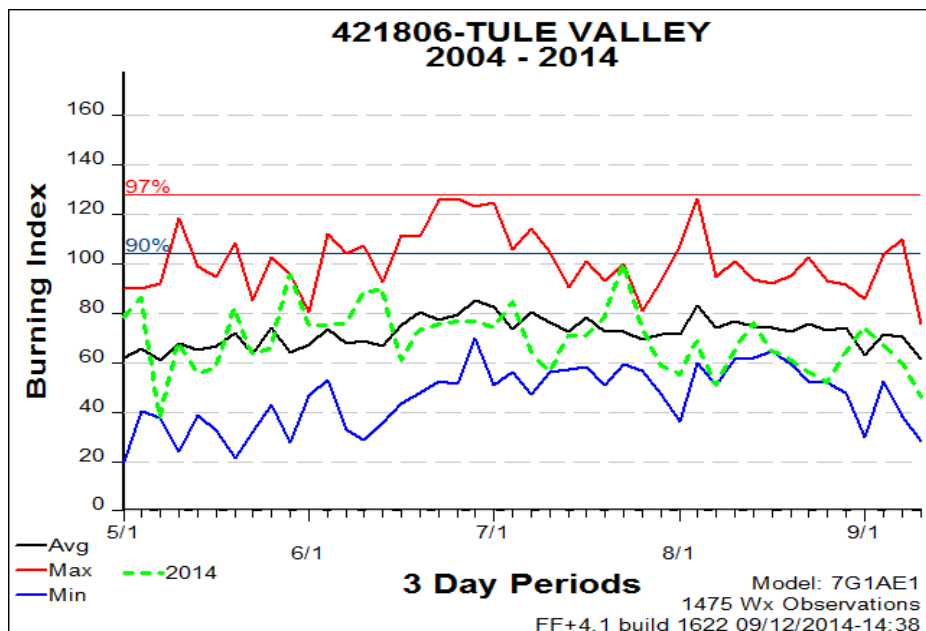
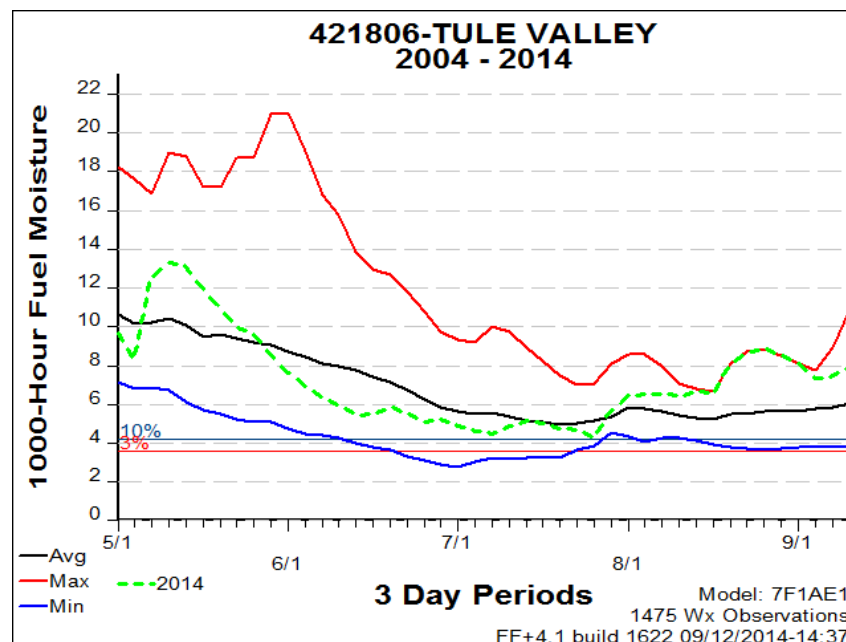
*\*Kane Gulch is owned by the Moab Field Office, but is used for the Hanksville Area data because the Henry Mountain RAWS does not have a long enough weather record.*

Below are outputs produced from each of the FDRA within our area from May 1<sup>st</sup> through October 31<sup>st</sup>. These charts include the historical data, the current year highlighted, a previous large fire year, multiple fire days, large fire days and the critical percentile that has been identified for each area.

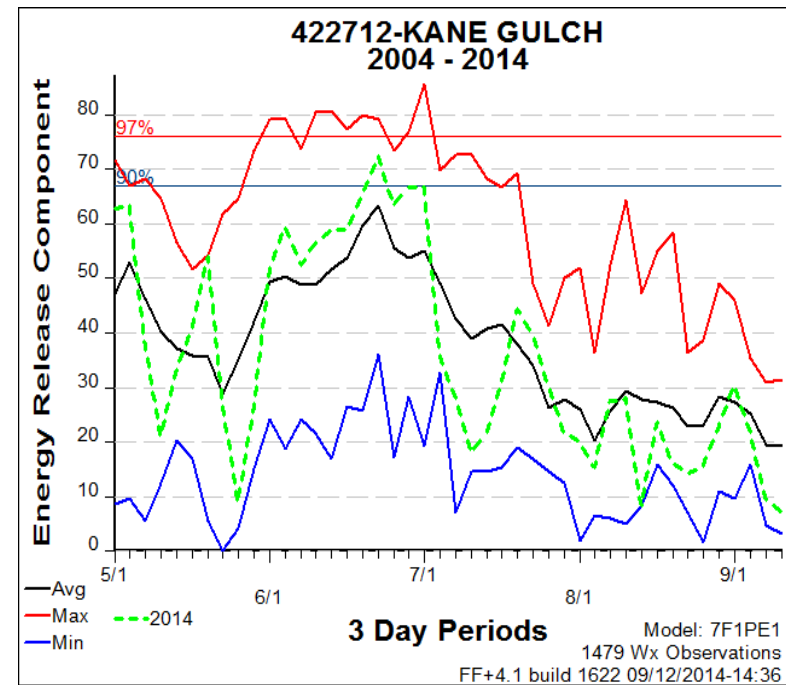
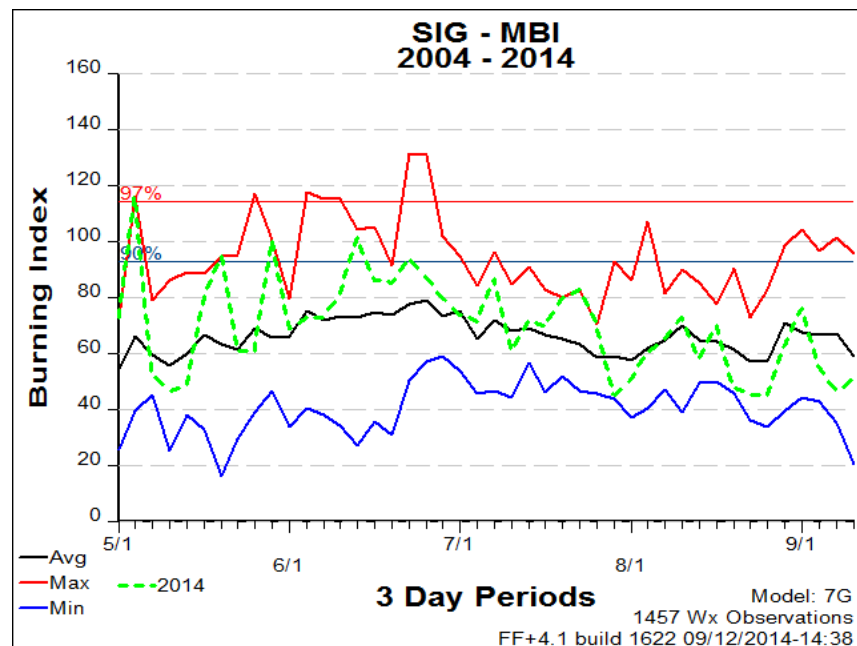
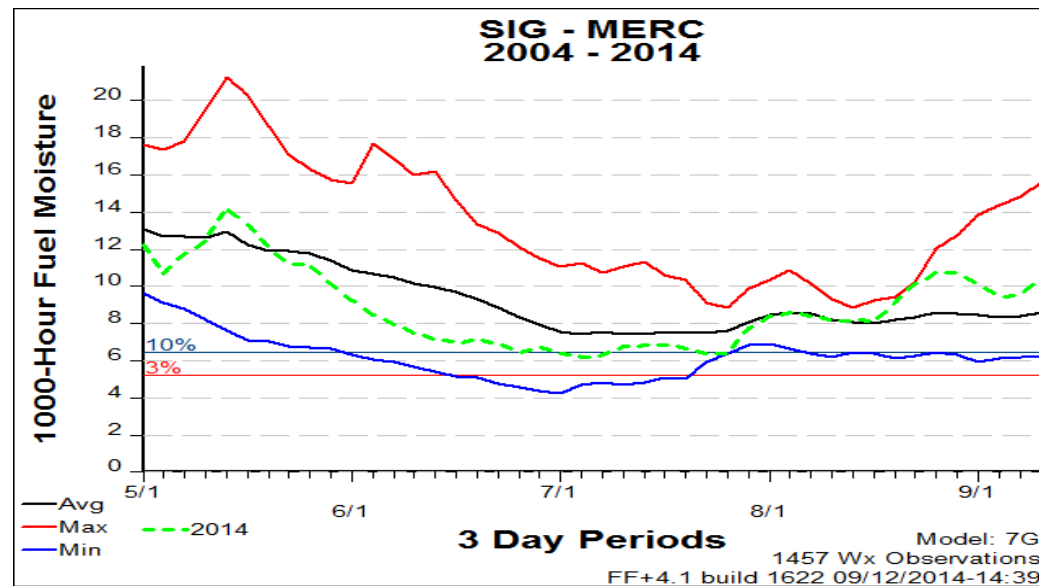
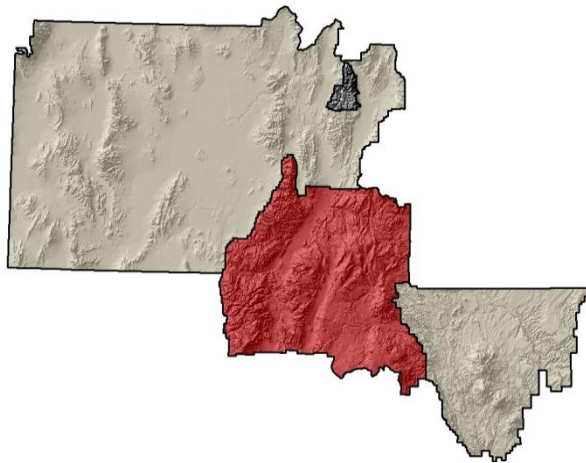




## CENTRAL UTAH WEST DESERT

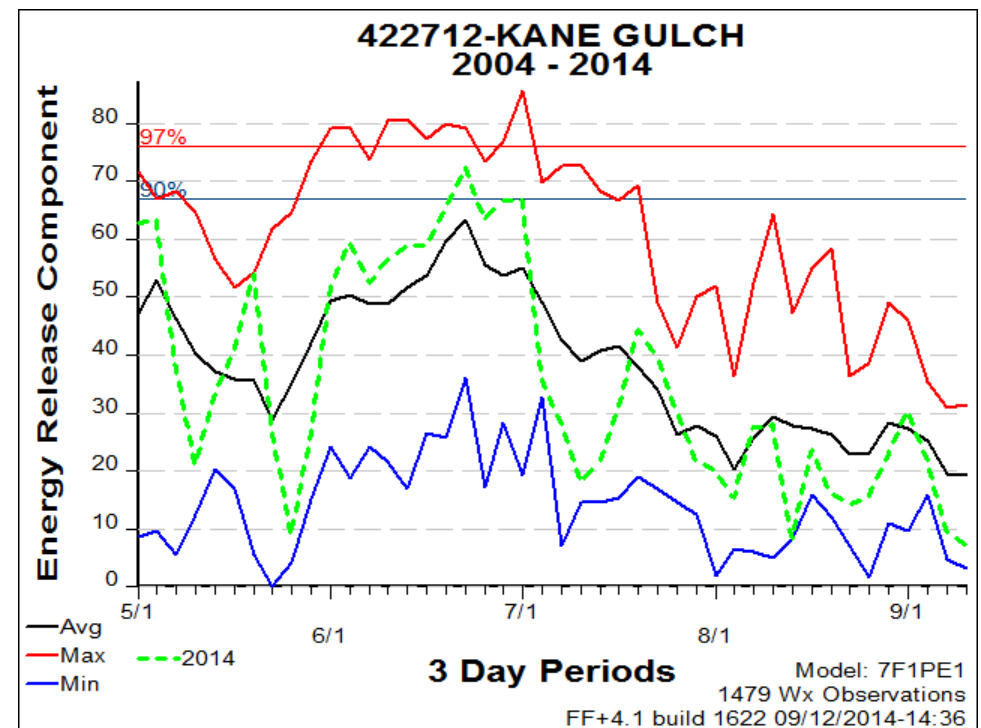
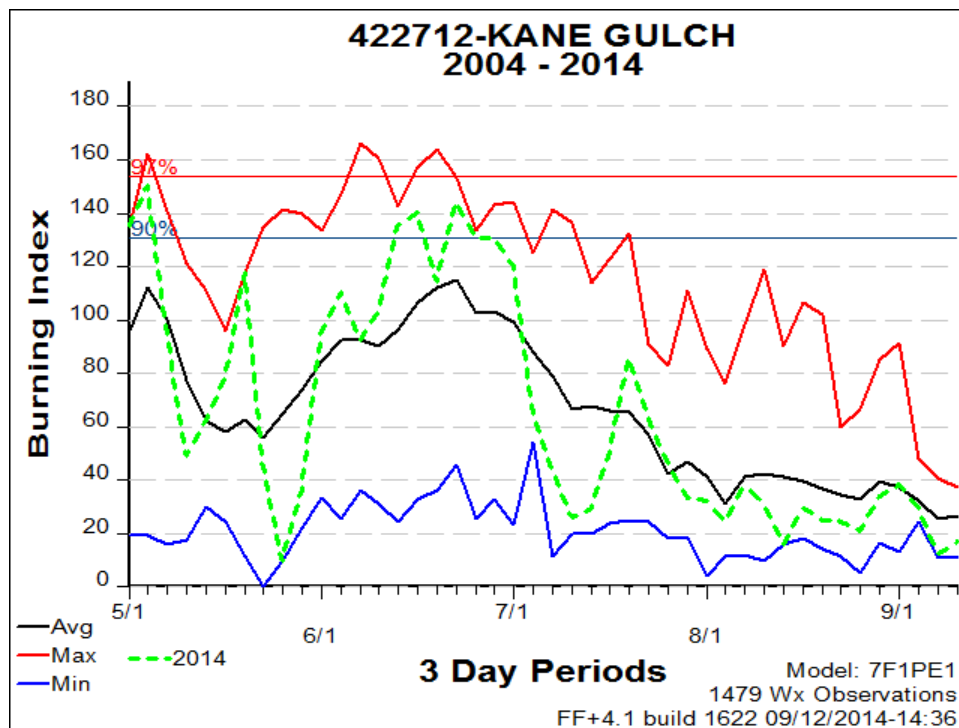
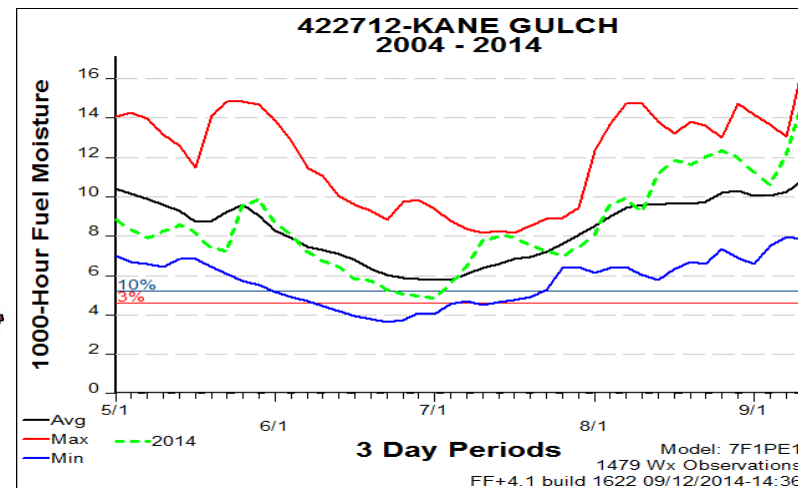
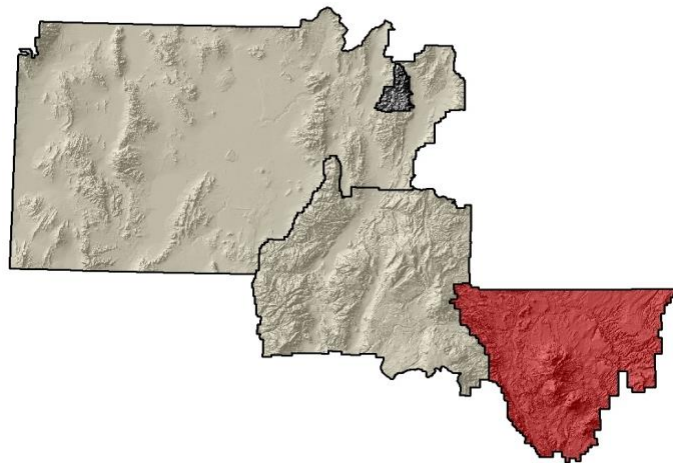


# Central Utah Mountains



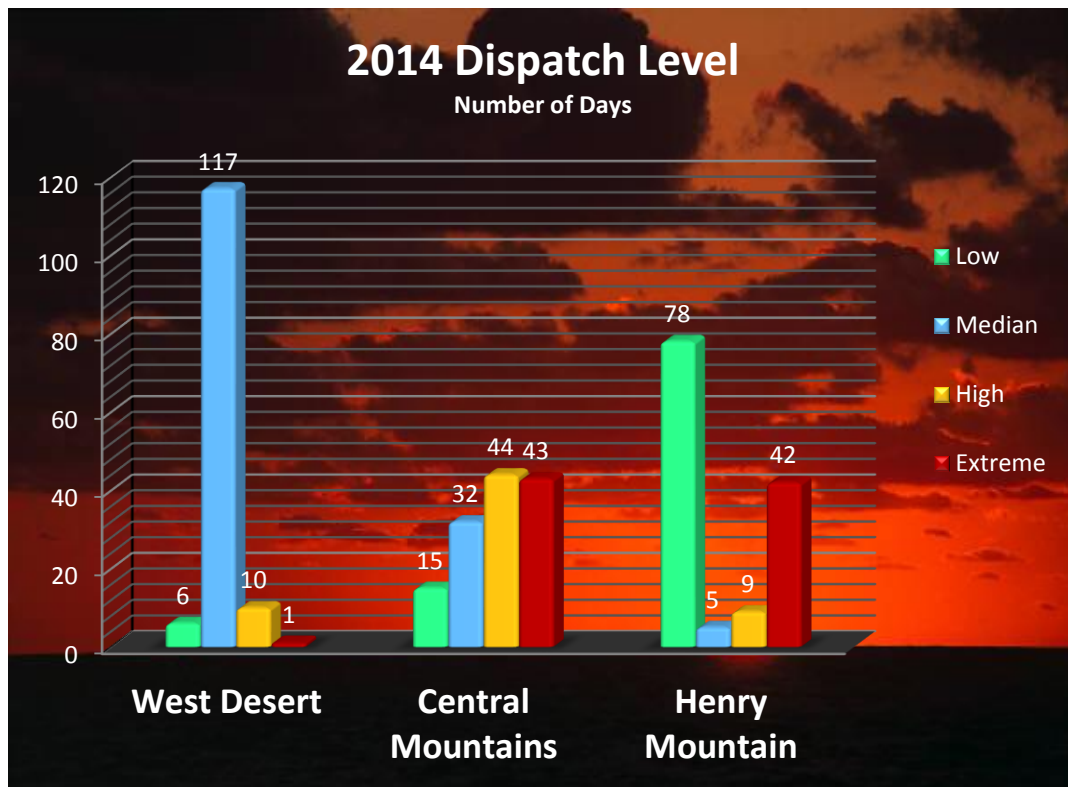
Central

## Central Utah Hanksville Area

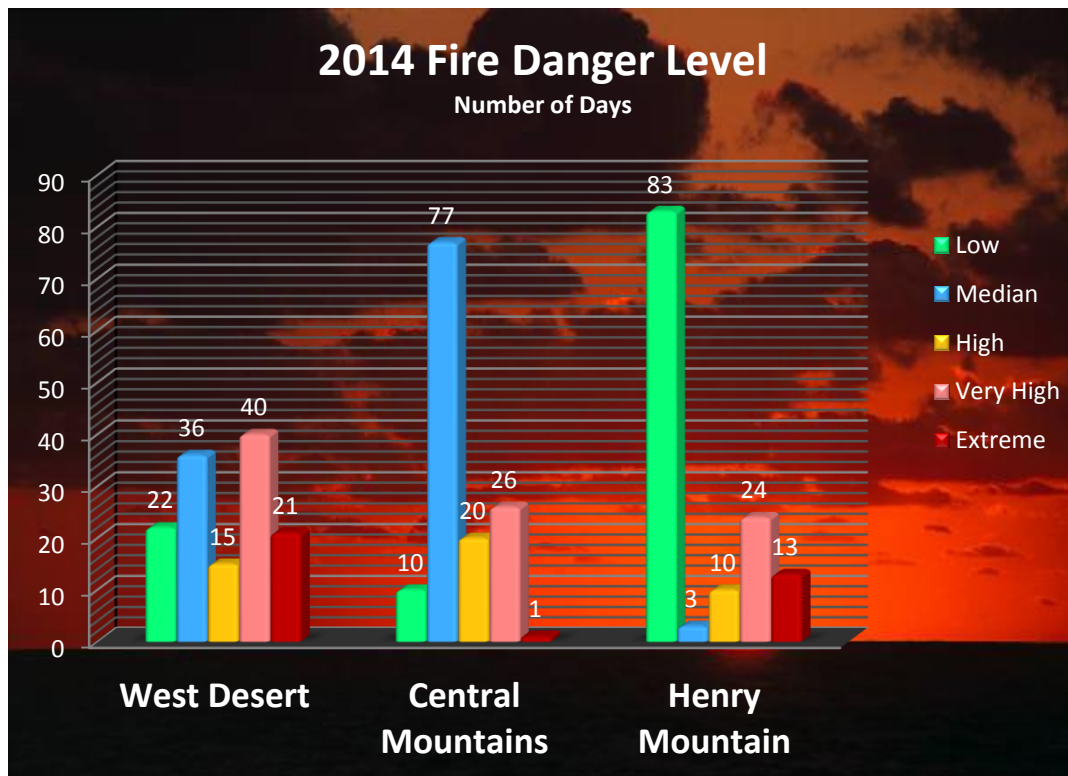


# 2014 DISPATCH LEVELS

The table below indicates the number of days at each fire danger level for the FDRAs.



# 2014 FIRE DANGER LEVELS



## LOCAL FIRE DEPARTMENTS

In 2014, the 46 fire departments and/or county resources of Central Utah were dispatched 287 times (through 11/31/2014).

<i>Volunteer Fire Departments</i>	<i>Assist to Private</i>	<i>Assist to State</i>	<i>Assist to USFS</i>	<i>Assist to BLM</i>	<i>MLF1 Assist</i>	<i>Total Assist</i>
<i>Aurora</i>	0	0	0	0	0	0
<i>Bicknell</i>	0	0	2	0	0	2
<i>Callao</i>	0	0	0	0	0	0
<i>Delta</i>	9	0	0	4	1	14
<i>Elsinore</i>	0	0	0	0	0	0
<i>Ephraim</i>	9	7	0	1	0	17
<i>Eskdale</i>	0	0	0	0	0	0
<i>Eureka</i>	8	3	0	24	1	36
<i>Fairview</i>	3	1	0	0	0	4
<i>Fillmore</i>	2	0	1	1	0	4
<i>Fountain Green</i>	7	1	0	0	0	8
<i>Garrison</i>	0	0	0	0	0	0
<i>Granite Ranch</i>	0	0	0	0	0	0
<i>Gunnison</i>	1	1	0	9	0	11
<i>Hanksville</i>	0	0	0	0	0	0
<i>Hinkley</i>	0	0	0	2	0	2
<i>Holden</i>	3	3	0	0	0	6
<i>Indianola</i>	3	1	0	1	0	5
<i>Junction</i>	1	0	0	0	2	3
<i>Kanosh</i>	4	4	0	0	0	8
<i>Koosharem</i>	0	0	2	3	0	5
<i>Leamington</i>	2	0	0	2	0	4
<i>Levan</i>	8	7	0	4	0	19
<i>Loa</i>	0	0	2	0	0	2
<i>Lyman</i>	0	0	0	0	0	0
<i>Lynndyl</i>	1	0	2	1	0	4
<i>Manti</i>	2	0	0	2	0	4
<i>Marysvale</i>	3	0	0	0	0	3
<i>Meadow</i>	10	2	2	6	0	20
<i>Millard County</i>	0	3	0	0	0	3
<i>Mona</i>	2	0	0	6	2	10
<i>Monroe</i>	3	0	0	3	1	7
<i>Moroni</i>	5	2	0	0	0	7
<i>Mt. Pleasant</i>	7	2	0	0	0	9
<i>Nephi</i>	12	3	0	16	0	21
<i>Oak City</i>	0	6	0	2	0	8
<i>Partoun</i>	0	1	0	0	0	1
<i>Richfield</i>	0	2	0	16	0	18
<i>Rocky Ridge</i>	1	2	0	2	0	5
<i>Salina</i>	2	0	2	1	0	7
<i>Scipio</i>	0	2	0	0	0	2
<i>Sigurd</i>	0	0	0	0	0	0
<i>Spring City</i>	1	0	0	0	0	1
<i>Sterling</i>	1	0	0	2	0	3
<i>Teasdale</i>	0	0	0	0	0	0
<i>Torrey</i>	0	0	0	0	0	0
<i>Wales</i>	2	2	0	0	0	4
<b>TOTALS</b>	<b>112</b>	<b>55</b>	<b>13</b>	<b>108</b>	<b>7</b>	<b>287</b>

## **FUELS ACCOMPLISHMENTS**

Prescribed fire activity occurred approximately 27 days during the spring, fall and into the winter. The agencies accomplished 18 prescribed fire projects for a total of 6,253 acres during 2014.

<b>Agency</b>	<b>Fires</b>	<b>Acres</b>
<b>Fishlake N.F.</b>	10	3,302
<b>Richfield BLM (Color Country)</b>	1	894
<b>Fillmore BLM (West Desert)</b>	0	0
<b>State and Private</b>	6	474
<b>Fish Springs Refuge</b>	1	1,583
<b>Capitol Reef NP</b>	0	0
<b>Total</b>	<b>18</b>	<b>6,253</b>





## **LOGISTICAL ACTIVITY**

Richfield Interagency Fire Center is responsible to mobilize 511 overhead personnel, 1 Type 2IA Crew, 13 camp crews, 108 Engines/Water Tenders, and 25 miscellaneous I-BPA equipment. In addition, approximately 135 camp crew members were signed up as ADs this year (*these ADs are not issued Qualification Cards therefore they are not counted in the AD section of the below chart*).

<b>Agency</b>	<b>UT-FIF</b>	<b>UT-RID</b>	<b>UT-SCS</b>	<b>UT-CRP</b>	<b>UT-FSR</b>	<b>UT-SPA</b>
<b># Of Personnel</b>	139	92	275	4	1	0
<b>AD</b>	17	7	0	0	0	0
<b>Type 2IA Crew</b>	1	0	0	0	0	0
<b>Camp Crews</b>	0	13	0	0	0	0
<b>Engines/Water Tenders</b>	6	13	89	0	0	0
<b>I-BPA Equipment</b>	9	16	0	0	0	0

In 2014, the BLM staffed a total of 11 engines and 2 tactical water tenders throughout the season. The Fishlake Forest staffed 6 engines and one wildfire module and the Manti LaSal NF staffed 1 engine and 1 squad out of the Ephraim District.

Richfield Interagency Fire Center sent a total of 27 engines on off unit assignments during the year. The Fishlake Regulars T2 IA crew was and the Wildfire Module were both assigned twice. Overhead and Equipment resource orders totaled 344 for off unit requests.

During 2014 ADs were hired by the Fishlake National Forest, Fillmore BLM or Richfield BLM. Richfield Interagency Fire Center filled 38 requests with ADs.

<b>Agency</b>	<b>Employment (reemployments counted)</b>
<b>Fishlake NF</b>	27
<b>BLM Richfield Field Office</b>	8 (+ 169 Camp Crew Members)
<b>Fillmore Field Office</b>	3
<b>Total</b>	38 (207 with Camp Crews)



## Central Utah Interagency Fire Camp Crew Program

The camp crew program continues to be a success for the Central Utah Interagency Fire Center. In the 2014 season we received over 300 applications for this program and continue to increase yearly. We hired 130 young men and women as crew members and 39 camp Crew Boss/Crew Boss (trainees) to sponsor 13 camp crews.

Fire season started later than usual this year, with our first assignment to Florence, CO in late June and ended with 3 crews going to Eugene, OR in August. A lot of hard work is accomplished with these folks with skills and friendships gained for a lifetime.



Two crews assisting on the Simpson Complex out of Salt Lake City, UT in July 2014.

## Training – Central Utah

### 2014/2015 Training Season

Nomination received and processed	FS	FS ADs	BLM	BLM ADs	Total
Nominations for Utah Fire and Rescue Academy (UFRA)	5	0	23	0	28
Nominations for Great Basin	27	0	19	0	46
Nominations for NAFRI	2	0	2	0	4
Nominations for Other Geographic Areas	4	0	3	0	7
Nominations for FS Engine Academy or BLM ENOP	1	0	0	0	1
<b>Total Nominations Received</b>	<b>39</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>86</b>
Nominations not approved due to missing prerequisites	0	0	1	0	1
Nominations not approved due to budgetary or other	2	0	5	0	7
<b>Total Nominations Approved Locally</b>	<b>37</b>	<b>0</b>	<b>41</b>	<b>0</b>	<b>78</b>
Student Not Accepted into course (Selections pending)	3 (8)	0	2 (6)	0	5 (14)
<b>Students Accepted into course*</b>	<b>34</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>73</b>
Non-attendance due to student cancellation*	2	0	7	0	0
Non-attendance due to course cancellation*	0	0	0	0	0
Non-attendance due to student no show*	0	0	0	0	0
<b>Total Training courses completed</b>	<b>32</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>64</b>

\* numbers subject to change

### Locally Sponsored NWCG Training

Course Number	Course Name	Instructor	Local Students	Non- Local Students	Total Students
BL300	Engine Driver Orientation	Ken Wright	6	0	6
BL300	Engine Driver Orientation	Pete Metz	8	0	8
D110	Expanded Dispatch Recorder	Tina Greenhalgh	11	4	15
I300	Intermediate ICS	Clint Coates	5	10	15
L280	Followership to Leadership	Robert Lopez	6	0	6
S212	Wildland Fire Chain Saws	Kelly Cornwall	15	0	15
S212	Wildland Fire Chain Saws	Kerry Stevens	20	0	20
S244	Field Observer	Gayle Sorenson	15	1	16

In addition, RT212, Chain Saw refresher training, was put on in Richfield and Fremont River where 27 students attended. RT 301, Engine Driver Refresher, was put on it Richfield, Fillmore, and Little Sahara where 47 students attended.

Several sessions of RT130, Annual Fire Refresher, were conducted providing this training to 208 people, including 37 contractors.

## Qualifications

A total of 247 personnel were issued qualifications cards by Central Utah in 2014; 155 to FS employees including 17 ADs, and 92 to BLM employees, including 7 ADs.

Employee Location & Type	Fire	Fuels	Other	Total
Fillmore Ranger District	12	1	8	21
Fremont River Ranger District	10	3	11	24
Beaver Ranger District	12	2	12	26
Richfield Ranger District	11	4	15	30
Supervisor's Office	7	1	30	38
ADs	17			17
<b>Forest Total</b>	<b>69</b>	<b>11</b>	<b>76</b>	<b>156</b>

Employee Location & Type	Fire	Fuels	Other	Total
Richfield	10	4	10	24
Hanksville	0	0	3	3
ADs	6			6
<b>Richfield Field Office Total</b>	<b>16</b>	<b>4</b>	<b>13</b>	<b>33</b>
Fillmore	11	3	21	35
Little Sahara	10	0	0	10
ADs	1			1
<b>Fillmore Field Office Total</b>	<b>22</b>	<b>3</b>	<b>21</b>	<b>46</b>
<b>BLM Total</b>	<b>48</b>	<b>7</b>	<b>34</b>	<b>89</b>

## Position Task Books

During 2014, 76 new position task books were issued, 39 were certified, and 43 expired.

Function	FS Issued/Active	FS Certified	FS Expired	BLM Issued/Active	BLM Certified	BLM Expired
Air Ops	3	0	0	1	0	1
Command & Staff	10	4	5	9	3	2
Dispatch	2	3	2	0	8	0
Finance	8	2	0	0	0	0
Logistics	7	2	4	1	0	3
Operations	4	5	5	11	7	10
Planning	17	3	7	2	1	1
Prevention & Investigation	1	1	2	0	0	1
<b>Total</b>	<b>52</b>	<b>20</b>	<b>25</b>	<b>24</b>	<b>19</b>	<b>18</b>

## **BLM Trespass Cases**

There were 8 human caused fires that involved BLM land in 2014; 5 occurred in the Richfield Field Office burning a total of 34 acres of BLM land, and 3 were in the Fillmore Field Office, for a total of 9.5 acres.

### **Richfield Field Office**

From the five investigation reports received for the Richfield Field Office, all have been processed with a recommendation not to proceed.

## **PREVENTION and MITIGATION**

### **West Zone Wildland Fire Prevention Summary - 2014**

#### **Prevention and Education Events – West Desert BLM**

- 28 Events during FY 14, reaching ~5,400 people directly.
- Distributed Know Your Ammo flyer to ammunition **retailers in Salt Lake, Tooele and Utah counties and posted on bulletin boards throughout district and on internet. Staffed** booth with recreation and law enforcement at gun show in February.
- Wrote and posted Fire Prevention Order # UT002-14-01 throughout Salt Lake Field Office and on field office website and Utahfireinfo.gov.
- Hi-Country Estates Chipper Day – worked with Unified Fire Authority, Utah Division of Forestry, Fire and State Lands and Hi-Country Estates residents and HOA to share defensible space messages and chip woody debris.
- Developed and presented a fire prevention program to employees of Trees Inc. and Rocky Mountain Power that clear right of ways on BLM lands.
- Assisted with National Public Lands Day.
- Prescribed fire prevention and mitigation stipulations for projects and permits within the district and reviewed/commented on NEPA for fire program.

#### **Workload Measures (Community Assistance)**

FFO – 2/2 units completed.

Little Valley West (Rx) and Meadow (Rx) outreach completed by Fillmore fire personnel.

Writing success stories for fires impacted by fuel breaks or vice versa in the district.

## Investigations and Trespass

- Conducted 13 fire investigations on BLM, State and Forest Service fires in Northern Utah. Follow up on 4 others.
- Human caused fires on BLM were below average, with 4 in FFO.

<b>West Desert District Human-Caused Fires 2014</b>								
Campfire	Smoking	Fire Use	Incendiary	Equipment	Railroad	Juveniles	Misc Known	Misc Unknown
3 1-bonfire 2-cook/warm	0	0	2 -2 arrests	2 -1 powerline -1 chain drag	0	0	6 -4 shooting -2 military -1 fusees	2 -1 suspicious

- Completed cost documentation completed for Wood Hollow (2012), Dump (2012), and Chaparral (2011), Lakeside (2011) and Trinity Ridge (Idaho) Fires.

<b>Calendar Year 2014 collections for 5 fires totaling \$218,886</b>		
<b>SLFO</b>		
	Miners (2012)	\$350 (\$700 total collection)
	Miner (2009)	\$21,951
	Timpie 2 (2011)	\$126,255 (\$115,537 BLM)
<b>FFO</b>		
	Chicken Creek (2012)	\$1000 (\$100 monthly payments totaling \$1,600 since 2013)
	Desert Mountain (2011)	\$80,048 (\$77,030 BLM)

## Patrols and Signing

Conducted regular signing and patrol missions in West Desert District, making public contacts and ensuring messaging and fire prevention orders were up to date. Installed new fire danger rating sign at LSRA and identified sign locations for future coordination with FFO.

## Training

Trained two new fire prevention technicians in fire investigation and prevention procedures. Conducted three sessions of origin identification and protection with BLM and FS in Northern Utah. Rigby took annual leave in order to teach FI-210 Wildland Fire Origin and Cause Determination to Utah's interagency partners at the Utah Fire and Rescue Academy in Provo, Utah.